



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**INJECTION WELL PERMIT APPLICATION**  
(TO DRILL, DEEPEN, PLUG BACK, OR CONVERT AN EXISTING WELL)

RECEIVED

FORM OGC-31

MAY 24 2012

Mo Oil & Gas Council

**NOTE**

Permit approval for drilling only, not injection. Approval or denial for injection determined after Mechanical Integrity Test results reviewed and official notification given.

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Kansas Resource Exploration & Development, LLC

DATE

05/15/2012

ADDRESS

9393 W 110th Street, Suite 500

CITY

Overland Park

STATE

KS

ZIP CODE

66210

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE

Belton Unit

WELL NUMBER

RW-59

ELEVATION (GROUND)

1089 feet

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

4714 ft. from ☐ North ☒ South section line 1878 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 16 Township 46 North Range 33 ☐ East ☒ West

LATITUDE

N38°48'53.9"

LONGITUDE

W94°34'24.46"

COUNTY

Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 744 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 19 FEET

PROPOSED DEPTH

650 feet

ROTARY OR CABLE TOOLS

Rotary

DRILLING CONTRACTOR, NAME AND ADDRESS

Utah Oil, LLC

APPROX. DATE WORK WILL START

06/15/2012

NUMBER OF ACRES IN LEASE

560

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 101

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME DE Exploration

ADDRESS 4595 Highway K33, Wellsville, KS 66092

NO. OF WELLS

PRODUCING 64

INJECTION 28

INACTIVE 8

ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL  
AMOUNT \$

☒ BLANKET BOND *OK*  
AMOUNT \$ 80,000

☒ ON FILE  
☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

**PROPOSED CASING PROGRAM**

**APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST**

AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
20'	7"	14	5 sks	20'	7"	14	Full
650'	2 7/8"	6.5	125 sks	650'	2 7/8"	6.5	Length

I, the Undersigned, state that I am the COO of the KRED (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

DATE

PERMIT NUMBER

037-20950

APPROVED DATE

6-4-12

APPROVED BY

Joseph A. [Signature]

☒ DRILLER'S LOG REQUIRED

☒ E-LOGS REQUIRED IF RUN

☒ CORE ANALYSIS REQUIRED IF RUN

☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

☐ SAMPLES REQUIRED

☒ SAMPLES NOT REQUIRED

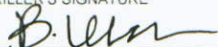
☐ WATER SAMPLES REQUIRED AT

**NOTE**

THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION. APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, Leech of the Utah (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE



DATE

5/16/12

**PROPOSED OPERATIONS DATA**

PROPOSED AVERAGE DAILY INJECTION, PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL

APPROVED AVERAGE DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST) PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL

PROPOSED MAXIMUM DAILY INJECTION, PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL

APPROVED MAXIMUM DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST) PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL

ESTIMATED FRACTURE PRESSURE GRADIENT OF INJECTION ZONE 0.4 PSI/FOOT

DESCRIBE THE SOURCE OF THE INJECTION FLUID Squirrel return water and rural water

**NOTE ►** SUBMIT AN APPROPRIATE ANALYSIS OF THE INJECTION FLUID. (SUBMIT ON SEPARATE SHEET)

DESCRIBE THE COMPATIBILITY OF THE PROPOSED INJECTION FLUID WITH THAT OF THE RECEIVING FORMATIONS, INCLUDING TOTAL DISSOLVED SOLIDS COMPARISONS

We have been using these injection fluids since the waterflood began with no issues. The formations respond to injection fluids. The injection fluids consist of recycled formation water and fresh water.

GIVE AN ACCURATE DESCRIPTION OF THE INJECTION ZONE INCLUDING LITHOLOGIC DESCRIPTIONS, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The upper, middle, and lower Squirrel Sandstone depth ranges from 516-615 feet with an average thickness of 90 feet. The upper Squirrel is generally 30 feet thick with 21% average porosity and 172 millidarcy's average permeability. The middle Squirrel is generally 20 feet thick with 22% average porosity and 1,000 millidarcy's average permeability. The lower Squirrel is generally 40 feet thick with 20.5% average porosity and 593 millidarcy's average permeability.

GIVE AN ACCURATE DESCRIPTION OF THE CONFINING ZONES INCLUDING LITHOLOGIC DESCRIPTION, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The confining layers of the Squirrel Sandstone consist of the the Fort Scott group above the sandstone and the Verdigris formation below the sandstone. The Fort Scott contains two prominent shales, the Blackwater Creek and the Excello, as well as the Blackjack Creek limestone that has a total thickness of 30-50 feet. The Verdigris formation consists of the the Ardmore limestone member and the Oakley shale with a total thickness of 20-40 feet. The zones are impermeable at less than 3% porosity.

SUBMIT ALL AVAILABLE LOGGING AND TESTING DATA ON THE WELL

GIVE A DETAILED DESCRIPTION OF ANY WELL NEEDING CORRECTIVE ACTION THAT PENETRATES THE INJECTION ZONE IN THE AREA OF REVIEW (1/2 MILE RADIUS AROUND WELL). INCLUDE THE REASON FOR AND PROPOSED CORRECTIVE ACTION.


No corrective action needed.





STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**INJECTION WELL LOCATION PLAT**

FORM OGC-41

OWNER'S NAME Kansas Resource Exploration & Development, LLC (K.R.E.D)	
LEASE NAME Belton Unit - RW-59	COUNTY Cass
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 4714 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South section line 1878 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line	
WELL LOCATION Sec. 16 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE N38° 48' 53.924"	LONGITUDE W94° 34' 24.463"
<div><p>special project status</p></div> <div><p>Sec 16 RW-26</p><p>OK</p><p>744'</p><p>1878'</p><p>19'</p><p>Belton Unit</p><p>Clark-Berry</p><p>4714'</p></div>	
REMARKS Section 16 is an irregular section and larger than one square mile. See the attached computer generated map for further reference. Plat Map Scale - 1 Square = 682.25 feet	
<b>INSTRUCTIONS</b> On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.	This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.
REGISTERED LAND SURVEY	NUMBER



Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com

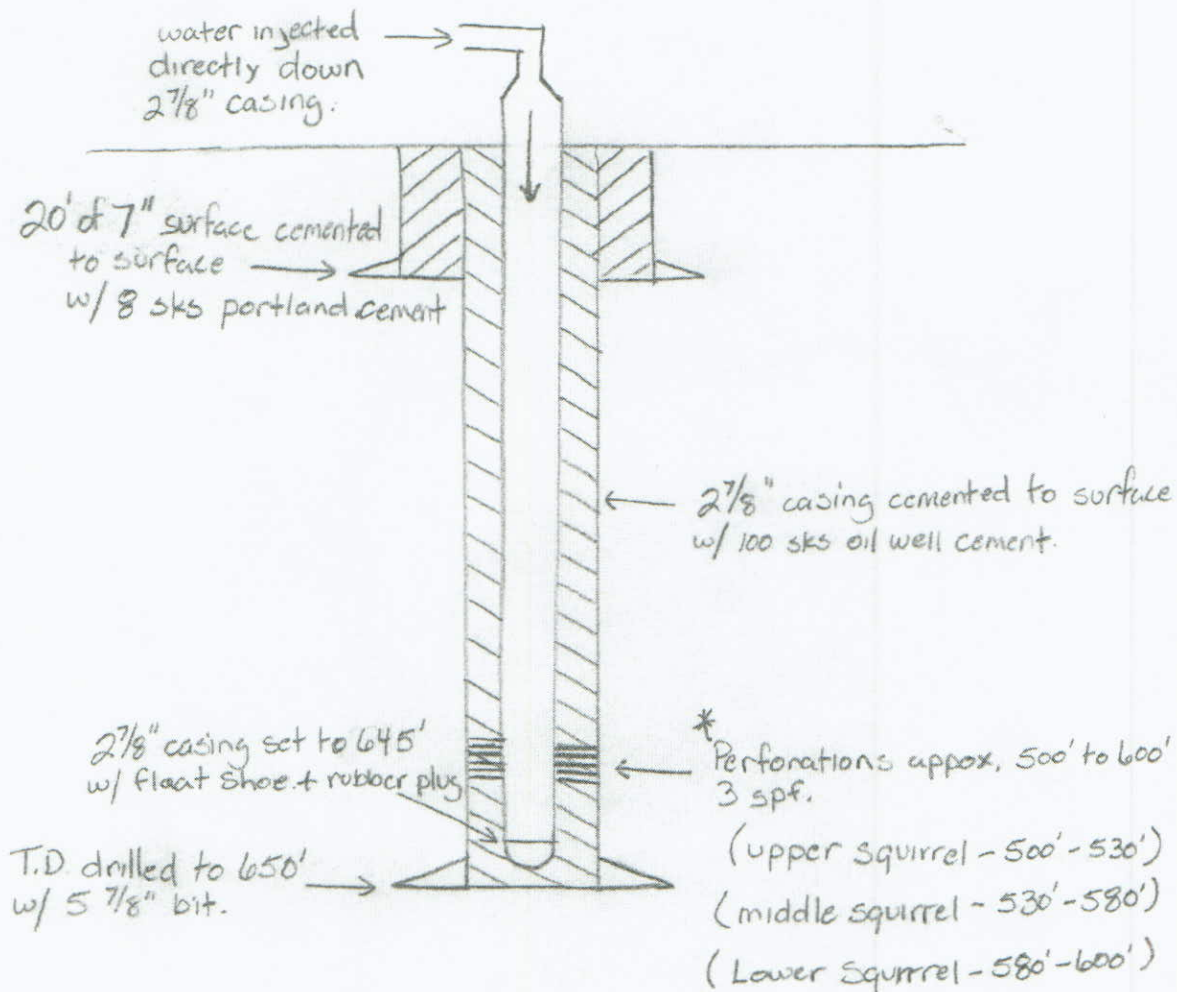




STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**INJECTION WELL SCHEMATIC**

OGC-11

COUNTY	PERMIT NUMBER	OPERATOR	WELL NUMBER
Cass		Kansas Resource Exploration & Development	RW-59



\* Upper, middle and lower Squirrel sections confined by shale and limestone.

INSTRUCTIONS ON THE ABOVE SPACE DRAW A NEAT, ACCURATE SCHEMATIC DIAGRAM OF THE APPLICANT INJECTION WELL, INCLUDING THE FOLLOWING: CONFIGURATION OF WELLHEAD, TOTAL DEPTH OR PLUG BACK TOTAL DEPTH, DEPTH OF ALL INJECTION OR DISPOSAL INTERVALS, AND THEIR FORMATION NAMES, LITHOLOGY OF ALL FORMATIONS PENETRATED, DEPTHS OF THE TOPS AND BOTTOMS OF ALL CASING AND TUBING, SIZE AND GRADE OF ALL CASING AND TUBING, AND THE TYPE AND DEPTH OF PACKER, DEPTH, LOCATION, AND TYPE OF ALL CEMENT, DEPTH OF ALL PERFORATIONS AND SQUEEZE JOBS, AND GEOLOGIC NAME AND DEPTH TO BOTTOM OF ALL UNDERGROUND SOURCES OF DRINKING WATER WHICH MAY BE AFFECTED BY THE INJECTION. USE BACK IF ADDITIONAL SPACE IS NEEDED, OR ATTACH SHEET.



## Well Schematic, Continued

The surface casing is 7" in diameter and is new, limited service grade pipe. The 7" is drifted and tested to 7,000 lbs. and weighs 17 lbs. per foot. The surface casing will be set to a minimum depth of 20 feet and extend 6 inches above the surface. Approximately 8 sacks of Portland cement will be circulated to surface and will secure the well and ensure the contents of the well bore is sealed off from sources of drinking water. The production casing is used 2 7/8" EUE upset, drifted and tested to 7,000 lbs. No tubing will be ran in the injection wells, the injection fluid will be injected directly down the 2 7/8" casing. The total depth of the well will be approximately 650 feet drilled with a 5 5/8" bit. A 2 7/8" flapper type float shoe will be set at the base of the 2 7/8" casing pipe (645 feet) with centralizers installed to center the casing inside the well bore for better cement bonding. The 2 7/8" casing will be cemented from 650 feet to surface using a 2 7/8" rubber plug for displacing the cement. Approximately 100 sacks of high-grade Oil Well cement will be used to cement all wells. This cement will ensure that no contents of the pipe will leave the well bore. The top of the 2 7/8" casing will extend approximately one foot above ground level. After the cement has cured and effectively bonded to the 2 7/8" casing, perforations will be made in the Squirrel Sandstone formation from approximately 500-600 feet, depending on where the oil sand is present at this particular location. Wells will be shot with 3 perforations per foot where the squirrel sandstone oil reservoir is present and capable of water injection. No water sources are present at this depth and will not be affected by these perforations or the injection. The relevant sources of drinking water are located less than 20 feet below surface. The 7" surface pipe and durable Portland cement ensures these water sources will remain free from contamination from drilling and injection activity. Other sources of potential usable water may be present, however not always potable, in the Pennsylvanian and Mississippian formations located approximately 150 feet or deeper below the base of the Squirrel Sandstone.

The lithology of all formations penetrated by the wellbore are as follows:

<u>Formation</u>	<u>Total Depth (feet)</u>
Soil	0 – 2
Clay	2 – 6
Lime	6 – 28
Shale	28 – 49
Lime	49 – 64
Shale	64 – 69
Red Bed	69 – 78
Shale	78 – 82

Lime	82 – 87
Shale	87 – 105
Gray Sand	105 – 124
Shale	124 – 128
Lime	128 – 130
Shale	130 – 147
Lime	147 – 177
Shale	177 – 186 (Slate 183 – 184)
Lime	186 – 204
Shale	204 – 209 (Slate 207 – 208)
Lime	209 – 211
Shale	211 – 214
Lime “Hertha”	214 – 220
Shale	220 – 259
Lime	259 – 260
Gray Sand “Knobtown”	260 – 262
Shale	262 – 324
Gray Sand	324 – 329
Shale	329 – 358
Gray Sand (Lamin. w/ Lime)	358 – 362
Shale	362 – 399
Lime	399 – 401
Shale	401 – 404
Lime	404 – 406
Shale (Slate 411 – 412)	406 – 417
Lime (Broken)	417 – 424
Shale	424 – 427
Gray Sand	427 – 431

Shale	431 – 443
Lime	443 – 448
Shale (Shale 452 – 453)	448 – 469
Gray Sand	469 – 471
Sdy. Shale (oil trace)	471 – 501
Very laminated Sand	501 – 502
Sandy Lime	502 – 503
Slightly lamin. Sand	503 – 504
Sandy Lime	504 – 505
Solid Sand	505 – 506.5
Shale	506.5 – 507
Slightly lamin. Sand	507 – 507.5
Sandy Shale	507.5 – 509.5
Solid Sand	509.5 – 510.5
Sandy Lime	510.5 – 511.5
Solid Sand	511.5 – 515.5
Sandy Lime	515.5 – 518
Solid Sand	518 – 520
Sandy Lime	520 – 521
Solid Sand	521 – 525
Sandy Lime	525 – 526
Laminated Sand	526 – 527
Sandy Shale	527 – 528.5
Sandy Lime	528.5 – 530
Solid Sand	530 – 533
Sandy Lime	533 – 534
Sandy Shale	534 – 535
Slightly laminated Sand	535 – 536.5



Sandy Lime	536.5 – 538
Solid Sand	538 – 539
Lime and Shells	539 – 541
Sand lamin. w/ Sandy Lime	541 – 542
Lime and Shells	542 – 543
Solid Sand	543 – 544.5
Sandy Lime and Shells	544.5 – 547.5
Sand and Shells	547.5 – 548.5
Lime and Shells	548.5 – 552
Solid Sand	552 – 553
Lime and Shells	553 – 555.5
Sand and Shells	555.5 – 559.5
Lime and Shells	559.5 – 563.5
Solid Sand	563.5 – 582.5
Slightly laminated	582.5 – 583.5
Shale and Shells	583.5 – 587.5
Solid Sand	587.5 – 590.5
Sand and Shells	590.5 – 591.5
Solid Sand	591.5 – 593
Lime	593 – 593.5
Very laminated Sand	593.5 – 596
Shale	596 – 616 (Slate 610 – 611)
Lime	616 – 617
Shale	617 – 650 (Slate 621 – 622)

# AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	R-1	569 FROM (N) SEC LINE 2412 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	619'	O	04/08/1999	04/13/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-2	1489 FROM (N) SEC LINE 1624 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	600'	O	06/04/1999	06/10/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-3	1436 FROM (N) SEC LINE 2423 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	665'	O	02/29/2000	03/02/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-4	2322 FROM (N) SEC LINE 2013 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	680'	O	03/02/2000	03/07/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-5	168 FROM (N) SEC LINE 2406 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	639'	O	04/23/2000	04/25/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-6	171 FROM (N) SEC LINE 2890 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	608'	O	04/27/2000	04/28/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-7	571 FROM (N) SEC LINE 2901 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	646'	O	05/01/2000	05/02/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-8	1023 FROM (N) SEC LINE 2894 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	655'	O	05/05/2000	05/08/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-9	1008 FROM (N) SEC LINE 2418 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W.	K.R.E.D.	651'	O	05/03/2000	05/05/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump



# AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	R-10	1005 FROM (N) SEC LINE 1980 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	627'	O	05/15/2000	05/16/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-11	567 FROM (N) SEC LINE 1966 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	626'	O	05/10/2000	05/12/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-12	192 FROM (N) SEC LINE 1959 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	642'	O	05/16/2000	05/18/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-13	1449 FROM (N) SEC LINE 1983 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	620'	O	05/22/2000	05/24/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-14	174 FROM (N) SEC LINE 3336 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	637'	O	09/17/2001	09/19/2001	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-15	573 FROM (N) SEC LINE 3335 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	621'	O	12/15/2000	12/20/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-16	3436 FROM (N) SEC LINE 2548 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	652.5'	O	10/13/2003	10/15/2003	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-17	3440 FROM (N) SEC LINE 1611 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	686'	O	01/29/2004	01/30/2004	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-18	2810 FROM (N) SEC LINE 1633 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	914.5'	O	01/07/2004	01/09/2004	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump



# AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	R-19	1132 FROM (N) SEC LINE 2070 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	621.5'	O	02/12/2004	02/13/2004	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-20	1420 FROM (N) SEC LINE 2045 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	661'	O	01/18/2008	01/22/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-21	2160 FROM (N) SEC LINE 2045 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	635'	O	01/14/2008	01/16/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-22	2160 FROM (N) SEC LINE 1603 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	660'	O	12/04/2008	N/A	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-23	3320 FROM (N) SEC LINE 2425 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	660'	O	U	N/A	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-24	3320 FROM (N) SEC LINE 2425 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	658'	O	01/25/2008	N/A	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-25	3320 FROM (N) SEC LINE 2045 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	660'	O	U	N/A	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	RI-1	368 FROM (N) SEC LINE 2064 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	623'	I	07/26/2000	08/31/2000	4 1/2" casing cemented to surface
Belton Unit	RI-2	795 FROM (N) SEC LINE 2053 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	627'	I	U	U	4 1/2" casing cemented to surface

**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	RI-3	<del>1214</del> FROM (N) SEC LINE <del>2067</del> FROM (E) SEC LINE	K.R.E.D.	635'	I	U	U	4 1/2" casing cemented to surface
Belton Unit	RI-4	SEC. 16 T. 46 N.R. 33W <del>1277</del> FROM (N) SEC LINE <del>2070</del> FROM (E) SEC LINE	K.R.E.D.	641'	I	08/25/2000	08/29/2000	4 1/2" casing cemented to surface
Belton Unit	RI-5	790 FROM (N) SEC LINE <del>2119</del> FROM (E) SEC LINE	K.R.E.D.	637'	I	U	U	4 1/2" casing cemented to surface
Belton Unit	RI-6	367 FROM (N) SEC LINE <del>2187</del> FROM (E) SEC LINE	K.R.E.D.	644'	I	U	U	4 1/2" casing cemented to surface
Belton Unit	WSW-1	843 FROM (N) SEC LINE <del>3529</del> FROM (E) SEC LINE	K.R.E.D.	891'	W	04/16/2001	04/14/2001	
Belton Unit	C-18	110 FROM (N) SEC LINE <del>4241</del> FROM (E) SEC LINE	K.R.E.D.	571'	Plugged	U	U	Squeezed
Belton Unit	RW-7	SEC. 16 T. 46 N.R. 33W 374 FROM (N) SEC LINE <del>3115</del> FROM (E) SEC LINE	K.R.E.D.	638'	I	02/10/2004	02/11/2004	4 1/2" casing cemented to surface
Belton Unit	RW-8	SEC. 16 T. 46 N.R. 33W <del>3048</del> FROM (N) SEC LINE <del>2714</del> FROM (E) SEC LINE	K.R.E.D.	641.5'	I	02/12/2004	02/13/2004	4 1/2" casing cemented to surface
Belton Unit	RW-9	SEC. 16 T. 46 N.R. 33W <del>3505</del> FROM (N) SEC LINE <del>2770</del> FROM (E) SEC LINE	K.R.E.D.	647.5'	I	01/13/2004	01/15/2004	4 1/2" casing cemented to surface



**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	RW-10	3055 FROM (N) SEC LINE 2855 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	678'	I	02/02/2004	02/03/2004	4 1/2" casing cemented to surface
Belton Unit	RW-11	3411 FROM (N) SEC LINE 3363 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	652'	I	02/04/2004	02/06/2004	4 1/2" casing cemented to surface
Belton Unit	RW-13	3452 FROM (N) SEC LINE 1812 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	697'	I	02/06/2004	02/09/2004	4 1/2" casing cemented to surface
Belton Unit	RW-15	3480 FROM (N) SEC LINE 3205 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	660'	I	11/26/2008	N/A	4 1/2" casing cemented to surface
Belton Unit	RW-16	3740 FROM (N) SEC LINE 1825 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	660'	I	12/02/2008	N/A	4 1/2" casing cemented to surface
Belton Unit	RW-19	3910 FROM (N) SEC LINE 1825 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	661'	I	12/08/2008	N/A	4 1/2" casing cemented to surface
Belton Unit	AD-1	220 FROM (N) SEC LINE 2420 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	615'	O	12/03/2007	01/04/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-2	2000 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	657'	O	12/06/2007	12/10/2007	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-3	3804 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	637'	O	08/31/1987	U	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump



**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	AD-4	220 FROM (N) SEC LINE 425 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	666'	O	07/14/1987	07/16/1987	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-5	220 FROM (N) SEC LINE 416 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	679'	O	06/21/1987	06/25/1987	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-6	204 FROM (N) SEC LINE 516 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	708'	O	01/31/2008	02/19/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-7	654 FROM (N) SEC LINE 2984 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	630'	O	12/12/2007	12/14/2007	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-8	630 FROM (N) SEC LINE 3461 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	622'	O	05/14/1999	05/27/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-9	644 FROM (N) SEC LINE 3885 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	662'	Plugged	08/25/1987	1987	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/04/2012
Belton Unit	AD-10	662 FROM (N) SEC LINE 4234 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	659'	O	05/25/1987	07/21/1987	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-11	621 FROM (N) SEC LINE 4178 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	665'	Plugged	1987	1987	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 03/19/2012
Belton Unit	AD-12	1210 FROM (N) SEC LINE 3807 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	710'	O	01/23/2008	02/26/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump



# AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	AD-13	1100 FROM (N) SEC LINE 2422 FROM (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	700'	Plugged	12/21/2007	N/A	Cemented from bottom to top on 12/27/2007
Belton Unit	AD-14	1261 FROM (N) SEC LINE 2405 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	609'	O	04/21/1999	05/13/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-15	1210 FROM (N) SEC LINE 3601 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	617'	O	11/13/1989	11/14/1989	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-16	1100 FROM (N) SEC LINE 4225 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	666'	Plugged	07/23/1987	U-1987	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/04/2012
Belton Unit	AD-17	1105 FROM (N) SEC LINE 4051 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	647'	O	U	U	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-18	1100 FROM (N) SEC LINE 300 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	676.5'	O	01/02/2008	02/26/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-21	1535 FROM (N) SEC LINE 3809 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	656'	O	09/11/2003	09/12/2003	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-22	1539 FROM (N) SEC LINE 4212 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	650'	O	06/13/1999	06/18/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-23	1541 FROM (N) SEC LINE 4044 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	644'	O	09/09/2003	09/11/2003	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump

**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	AD-24	SEC. 9 FROM (N) (S) SEC LINE 300 FROM (E) (W) SEC LINE	K.R.E.D.	672.5	O	12/27/2007	02/06/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-28	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	629'	O	07/08/1999	07/14/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-29	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	625'	O	06/18/1999	07/07/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-18	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	651.5'	I	10/09/2003	10/10/2003	4 1/2" casing cemented to surface
Belton Unit	AD-19	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	654.5'	I	10/07/2003	10/08/2003	4 1/2" casing cemented to surface
Belton Unit	AD-24	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	662'	I	09/16/2003	09/17/2003	4 1/2" casing cemented to surface
Belton Unit	AD-25	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	651.5'	I	09/12/2003	09/15/2003	4 1/2" casing cemented to surface
Belton Unit	AD-26	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	650.5'	I	09/17/2003	09/19/2003	4 1/2" casing cemented to surface
Belton Unit	AD-27	SEC. 9 T. 46 N.R. 33W FROM (N) (S) SEC LINE FROM (E) (W) SEC LINE	K.R.E.D.	674.1'	I	01/04/2008	04/16/2008	4 1/2" casing cemented to surface



# AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	ADI-30	880 FROM (N) (S) SEC LINE 10206 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	627.7'	I	12/19/2007	04/16/2008	4 1/2" casing cemented to surface
Belton Unit	ADI-31	860 FROM (N) (S) SEC LINE 3013 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	633'	I	05/27/1999	06/04/1999	4 1/2" casing cemented to surface
Belton Unit	ADI-32	871 FROM (N) (S) SEC LINE 1034 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	649'	I	✓	✓	4 1/2" casing cemented to surface
Belton Unit	ADI-33	881 FROM (N) (S) SEC LINE 1454 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	642'	I	✓	✓	4 1/2" casing cemented to surface
Belton Unit	ADI-34	879 FROM (N) (S) SEC LINE 1991 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	663	I	✓	✓	4 1/2" casing cemented to surface
Belton Unit	ADI-37	440 FROM (N) (S) SEC LINE 620 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	618.2	I	12/13/2007	04/16/2008	4 1/2" casing cemented to surface
Belton Unit	ADI-38	440 FROM (N) (S) SEC LINE 1760 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	668.9'	I	12/17/2007	04/16/2008	4 1/2" casing cemented to surface
Belton Unit	ADI-39	441 FROM (N) (S) SEC LINE 1405 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	631'	I	✓	✓	4 1/2" casing cemented to surface
Belton Unit	ADI-40	441 FROM (N) (S) SEC LINE 1405 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	664'	I	✓	✓	4 1/2" casing cemented to surface

**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	AD1-41	442' FROM (N) SEC LINE 140' FROM (E) SEC LINE	K.R.E.D.	600' est	I	✓	✓	4 1/2" casing cemented to surface
Belton Unit	OH-1	SEC. 9 T. 46 N.R. 33W 2815' FROM (N) SEC LINE 2400' FROM (E) SEC LINE	K.R.E.D.	600' est	O	✓	✓	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	OH-2	SEC. 16 T. 46 N.R. 33W 2201' FROM (N) SEC LINE 3051' FROM (E) SEC LINE	K.R.E.D.	600' est	O	✓	✓	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	OH-3	SEC. 16 T. 46 N.R. 33W 1931' FROM (N) SEC LINE 3408' FROM (E) SEC LINE	K.R.E.D.	600' est	O	✓	✓	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	OH-4	SEC. 16 T. 46 N.R. 33W 1340' FROM (N) SEC LINE 2878' FROM (E) SEC LINE	K.R.E.D.	600' est	O	✓	✓	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	OH-5	SEC. 16 T. 46 N.R. 33W 833' FROM (N) SEC LINE 2124' FROM (E) SEC LINE	K.R.E.D.	600' est	O	✓	✓	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	OH-6	SEC. 16 T. 46 N.R. 33W 919' FROM (N) SEC LINE 5116' FROM (E) SEC LINE	K.R.E.D.	600' est	Plugged	✓	✓	Squeezed cement into formation to surface
Belton Unit	OH-7	SEC. 16 T. 46 N.R. 33W 753' FROM (N) SEC LINE 5100' FROM (E) SEC LINE	K.R.E.D.	600' est	Plugged	✓	✓	Squeezed cement into formation to surface
Belton Unit	OH-8	SEC. 16 T. 46 N.R. 33W 138' FROM (N) SEC LINE 5921' FROM (E) SEC LINE	K.R.E.D.	600' est	Plugged	✓	✓	Squeezed cement into formation to surface



**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	OH-9	604 FROM (N) (S) SEC LINE 5229 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	600' est	Plugged	U	U	Squeezed cement into formation to surface
Belton Unit	UK-1	1520 FROM (N) (S) SEC LINE 1300 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	U	Plugged	U	U	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/17/2012
Belton Unit	UK-2	1321 FROM (N) (S) SEC LINE 1430 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	U	Plugged	U	U	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/17/2012
Belton Unit	UK-3	1323 FROM (N) (S) SEC LINE 1319 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	U	O	U	U	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Clark-Berry	CB-1	1289 FROM (N) (S) SEC LINE 1219 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	625'	O	03/22/1999	U	2 7/8" with 1" tubing and insert pump
Clark-Berry	CB-2	1226 FROM (N) (S) SEC LINE 1006 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	625'	O	U	U	2 7/8" with 1" tubing and insert pump
Clark-Berry	CB-3	1310 FROM (N) (S) SEC LINE 1072 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	625'	O	03/25/1999	03/30/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Clark-Berry	CB-4	1218 FROM (N) (S) SEC LINE 1224 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	619'	O	03/30/1999	04/02/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Clark-Berry	CB-1	1050 FROM (N) (S) SEC LINE 1011 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	629'	I	03/22/1999	03/25/1999	4 1/2" casing cemented to surface





**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	R-26	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	643'	Plugged	03/08/2012	Not complete	Set 21 feet of 8 5/8" surface pipe Squeezed cement from 643' to surface to plug well on 04/17/2012
Belton Unit	R-27	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	700'	O	04/06/2012		685' of 2 7/8" casing cemented to surface
Belton Unit	R-28	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	681'	O	04/10/2012		656' of 2 7/8" casing cemented to surface
Belton Unit	R-29	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	750'	O	03/24/2012		740' of 4 1/2" casing cemented to surface
Belton Unit	R-30	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	750'	O	03/23/2012		697' of 4 1/2" casing cemented to surface
Belton Unit	R-31	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	750'	O	03/27/2012	04/27/2012	740' of 4 1/2" casing cemented to surface
Belton Unit	R-32	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	750'	O	03/14/2012	Not complete	743' of 4 1/2" casing cemented to surface
Belton Unit	R-33	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	700'	O	03/21/2012		663' of 4 1/2" casing cemented to surface
Belton Unit	R-36	SEC. 16 FROM (N) (S) SEC LINE 3 1/4 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D.	760'	O	04/02/2012		733.5' of 4 1/2" casing cemented to surface



**AREA OF REVIEW WELLS (1/2 MILE RADIUS AROUND WELL) THAT PENETRATE THE INJECTION INTERVAL**

**INSTRUCTIONS**

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPULDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	AD-9-2	Q3 FROM (N) SEC LINE 1560 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	03/30/2012	Not complete	741' of 4 1/2" casing cemented to surface
Belton Unit	AD1-1-2	Q3 FROM (N) SEC LINE 534 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	750'	O	03/12/2012	04/27/2012	737' of 4 1/2" casing cemented to surface
Belton Unit	AD16-2	1561 FROM (N) SEC LINE 1084 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	03/28/2012	04/27/2012	739' of 4 1/2" casing cemented to surface
Belton Unit	AD-20	1520 FROM (N) SEC LINE 1861 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	03/29/2012	Not complete	740' of 4 1/2" casing cemented to surface
Belton Unit	AD-26	1985 FROM (N) SEC LINE 1900 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	770'	O	04/05/2012		745' of 4 1/2" casing cemented to surface
Belton Unit	AD-27	1485 FROM (N) SEC LINE 1434 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	03/30/2012		741' of 4 1/2" casing cemented to surface
Belton Unit	AD-31	2341 FROM (N) SEC LINE 2342 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	701'	O	04/12/2012		688' of 2 7/8" casing cemented to surface
Belton Unit	AD-32	2405 FROM (N) SEC LINE 2116 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	04/06/2012		745' of 4 1/2" casing cemented to surface
Belton Unit	AD-33	2435 FROM (N) SEC LINE 1444 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D.	760'	O	04/03/2012	✓	741' of 4 1/2" casing cemented to surface

## INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

[illegible]



JULIE M. HICKS  
Notary Public, Notary Seal  
State of Missouri  
Cass County  
Commission # 09727108  
My Commission Expires June 12, 2013

Subscribed and sworn to before me on this 14 day of May, 2012  
*Janis Anslinger*  
Janis Anslinger, Classified Ad Manager

1st Insertion: Vol. 132 No. 29, 4 day of May 2012  
2nd Insertion: Vol. \_\_\_\_\_ No. \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_  
3rd Insertion: Vol. \_\_\_\_\_ No. \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_  
4th Insertion: Vol. \_\_\_\_\_ No. \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_  
5th Insertion: Vol. \_\_\_\_\_ No. \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

I, Janis Anslinger, being duly sworn according to law, state that I am the Classified Ad Manager of the Cass County Democrat-Missourian, a weekly newspaper of general circulation in the County of Cass, State of Missouri, where located; which newspaper has been admitted to the Post Office as periodical class matter in the City of Harrisonville, Missouri, the city of publication; which newspaper has been published regularly and consecutively for a period of three years and has a list of bonafide subscribers, voluntarily engaged as such who have paid or agreed to pay a stated price for a subscription for a definite period of time, and that such newspaper has complied with the provisions of Section 493.050, Revised Statutes of Missouri 2000, and Section 59.310, Revised Statutes of Missouri 2000. The affixed notice appeared in said newspaper in the following consecutive issues:

STATE OF MISSOURI  
COUNTY OF CASS  
ss.

**AFFIDAVIT OF PUBLICATION**

(Space above for recording information)

Kansas Resource Exploration & Development, LLC, 3333 W 110<sup>th</sup> St., Ste. 500, Overland Park, KS 66210, has applied for 30 injection well permits to be drilled to an approximate depth of 650 feet. Water will be injected into the W-41 W-42 W-43 W-44 W-45 W-46 W-47 W-48 W-49 W-50 W-51 W-52 W-53 W-54 W-55 W-56 W-57 W-58 W-59 W-60 W-61 W-62 W-63 W-64 W-65 W-66 W-67 W-68 W-69 W-70 W-71 W-72 W-73 W-74 W-75 W-76 W-77 W-78 W-79 W-80 W-81 W-82 W-83 W-84 W-85 W-86 W-87 W-88 W-89 W-90 W-91 W-92 W-93 W-94 W-95 W-96 W-97 W-98 W-99 W-100 W-101 W-102 W-103 W-104 W-105 W-106 W-107 W-108 W-109 W-110 W-111 W-112 W-113 W-114 W-115 W-116 W-117 W-118 W-119 W-120 W-121 W-122 W-123 W-124 W-125 W-126 W-127 W-128 W-129 W-130 W-131 W-132 W-133 W-134 W-135 W-136 W-137 W-138 W-139 W-140 W-141 W-142 W-143 W-144 W-145 W-146 W-147 W-148 W-149 W-150 W-151 W-152 W-153 W-154 W-155 W-156 W-157 W-158 W-159 W-160 W-161 W-162 W-163 W-164 W-165 W-166 W-167 W-168 W-169 W-170 W-171 W-172 W-173 W-174 W-175 W-176 W-177 W-178 W-179 W-180 W-181 W-182 W-183 W-184 W-185 W-186 W-187 W-188 W-189 W-190 W-191 W-192 W-193 W-194 W-195 W-196 W-197 W-198 W-199 W-200 W-201 W-202 W-203 W-204 W-205 W-206 W-207 W-208 W-209 W-210 W-211 W-212 W-213 W-214 W-215 W-216 W-217 W-218 W-219 W-220 W-221 W-222 W-223 W-224 W-225 W-226 W-227 W-228 W-229 W-230 W-231 W-232 W-233 W-234 W-235 W-236 W-237 W-238 W-239 W-240 W-241 W-242 W-243 W-244 W-245 W-246 W-247 W-248 W-249 W-250 W-251 W-252 W-253 W-254 W-255 W-256 W-257 W-258 W-259 W-260 W-261 W-262 W-263 W-264 W-265 W-266 W-267 W-268 W-269 W-270 W-271 W-272 W-273 W-274 W-275 W-276 W-277 W-278 W-279 W-280 W-281 W-282 W-283 W-284 W-285 W-286 W-287 W-288 W-289 W-290 W-291 W-292 W-293 W-294 W-295 W-296 W-297 W-298 W-299 W-300 W-301 W-302 W-303 W-304 W-305 W-306 W-307 W-308 W-309 W-310 W-311 W-312 W-313 W-314 W-315 W-316 W-317 W-318 W-319 W-320 W-321 W-322 W-323 W-324 W-325 W-326 W-327 W-328 W-329 W-330 W-331 W-332 W-333 W-334 W-335 W-336 W-337 W-338 W-339 W-340 W-341 W-342 W-343 W-344 W-345 W-346 W-347 W-348 W-349 W-350 W-351 W-352 W-353 W-354 W-355 W-356 W-357 W-358 W-359 W-360 W-361 W-362 W-363 W-364 W-365 W-366 W-367 W-368 W-369 W-370 W-371 W-372 W-373 W-374 W-375 W-376 W-377 W-378 W-379 W-380 W-381 W-382 W-383 W-384 W-385 W-386 W-387 W-388 W-389 W-390 W-391 W-392 W-393 W-394 W-395 W-396 W-397 W-398 W-399 W-400 W-401 W-402 W-403 W-404 W-405 W-406 W-407 W-408 W-409 W-410 W-411 W-412 W-413 W-414 W-415 W-416 W-417 W-418 W-419 W-420 W-421 W-422 W-423 W-424 W-425 W-426 W-427 W-428 W-429 W-430 W-431 W-432 W-433 W-434 W-435 W-436 W-437 W-438 W-439 W-440 W-441 W-442 W-443 W-444 W-445 W-446 W-447 W-448 W-449 W-450 W-451 W-452 W-453 W-454 W-455 W-456 W-457 W-458 W-459 W-460 W-461 W-462 W-463 W-464 W-465 W-466 W-467 W-468 W-469 W-470 W-471 W-472 W-473 W-474 W-475 W-476 W-477 W-478 W-479 W-480 W-481 W-482 W-483 W-484 W-485 W-486 W-487 W-488 W-489 W-490 W-491 W-492 W-493 W-494 W-495 W-496 W-497 W-498 W-499 W-500 W-501 W-502 W-503 W-504 W-505 W-506 W-507 W-508 W-509 W-510 W-511 W-512 W-513 W-514 W-515 W-516 W-517 W-518 W-519 W-520 W-521 W-522 W-523 W-524 W-525 W-526 W-527 W-528 W-529 W-530 W-531 W-532 W-533 W-534 W-535 W-536 W-537 W-538 W-539 W-540 W-541 W-542 W-543 W-544 W-545 W-546 W-547 W-548 W-549 W-550 W-551 W-552 W-553 W-554 W-555 W-556 W-557 W-558 W-559 W-560 W-561 W-562 W-563 W-564 W-565 W-566 W-567 W-568 W-569 W-570 W-571 W-572 W-573 W-574 W-575 W-576 W-577 W-578 W-579 W-580 W-581 W-582 W-583 W-584 W-585 W-586 W-587 W-588 W-589 W-590 W-591 W-592 W-593 W-594 W-595 W-596 W-597 W-598 W-599 W-600 W-601 W-602 W-603 W-604 W-605 W-606 W-607 W-608 W-609 W-610 W-611 W-612 W-613 W-614 W-615 W-616 W-617 W-618 W-619 W-620 W-621 W-622 W-623 W-624 W-625 W-626 W-627 W-628 W-629 W-630 W-631 W-632 W-633 W-634 W-635 W-636 W-637 W-638 W-639 W-640 W-641 W-642 W-643 W-644 W-645 W-646 W-647 W-648 W-649 W-650 W-651 W-652 W-653 W-654 W-655 W-656 W-657 W-658 W-659 W-660 W-661 W-662 W-663 W-664 W-665 W-666 W-667 W-668 W-669 W-670 W-671 W-672 W-673 W-674 W-675 W-676 W-677 W-678 W-679 W-680 W-681 W-682 W-683 W-684 W-685 W-686 W-687 W-688 W-689 W-690 W-691 W-692 W-693 W-694 W-695 W-696 W-697 W-698 W-699 W-700 W-701 W-702 W-703 W-704 W-705 W-706 W-707 W-708 W-709 W-710 W-711 W-712 W-713 W-714 W-715 W-716 W-717 W-718 W-719 W-720 W-721 W-722 W-723 W-724 W-725 W-726 W-727 W-728 W-729 W-730 W-731 W-732 W-733 W-734 W-735 W-736 W-737 W-738 W-739 W-740 W-741 W-742 W-743 W-744 W-745 W-746 W-747 W-748 W-749 W-750 W-751 W-752 W-753 W-754 W-755 W-756 W-757 W-758 W-759 W-760 W-761 W-762 W-763 W-764 W-765 W-766 W-767 W-768 W-769 W-770 W-771 W-772 W-773 W-774 W-775 W-776 W-777 W-778 W-779 W-780 W-781 W-782 W-783 W-784 W-785 W-786 W-787 W-788 W-789 W-790 W-791 W-792 W-793 W-794 W-795 W-796 W-797 W-798 W-799 W-800 W-801 W-802 W-803 W-804 W-805 W-806 W-807 W-808 W-809 W-810 W-811 W-812 W-813 W-814 W-815 W-816 W-817 W-818 W-819 W-820 W-821 W-822 W-823 W-824 W-825 W-826 W-827 W-828 W-829 W-830 W-831 W-832 W-833 W-834 W-835 W-836 W-837 W-838 W-839 W-840 W-841 W-842 W-843 W-844 W-845 W-846 W-847 W-848 W-849 W-850 W-851 W-852 W-853 W-854 W-855 W-856 W-857 W-858 W-859 W-860 W-861 W-862 W-863 W-864 W-865 W-866 W-867 W-868 W-869 W-870 W-871 W-872 W-873 W-874 W-875 W-876 W-877 W-878 W-879 W-880 W-881 W-882 W-883 W-884 W-885 W-886 W-887 W-888 W-889 W-890 W-891 W-892 W-893 W-894 W-895 W-896 W-897 W-898 W-899 W-900 W-901 W-902 W-903 W-904 W-905 W-906 W-907 W-908 W-909 W-910 W-911 W-912 W-913 W-914 W-915 W-916 W-917 W-918 W-919 W-920 W-921 W-922 W-923 W-924 W-925 W-926 W-927 W-928 W-929 W-930 W-931 W-932 W-933 W-934 W-935 W-936 W-937 W-938 W-939 W-940 W-941 W-942 W-943 W-944 W-945 W-946 W-947 W-948 W-949 W-950 W-951 W-952 W-953 W-954 W-955 W-956 W-957 W-958 W-959 W-960 W-961 W-962 W-963 W-964 W-965 W-966 W-967 W-968 W-969 W-970 W-971 W-972 W-973 W-974 W-975 W-976 W-977 W-978 W-979 W-980 W-981 W-982 W-983 W-984 W-985 W-986 W-987 W-988 W-989 W-990 W-991 W-992 W-993 W-994 W-995 W-996 W-997 W-998 W-999 W-1000 W-1001 W-1002 W-1003 W-1004 W-1005 W-1006 W-1007 W-1008 W-1009 W-1010 W-1011 W-1012 W-1013 W-1014 W-1015 W-1016 W-1017 W-1018 W-1019 W-1020 W-1021 W-1022 W-1023 W-1024 W-1025 W-1026 W-1027 W-1028 W-1029 W-1030 W-1031 W-1032 W-1033 W-1034 W-1035 W-1036 W-1037 W-1038 W-1039 W-1040 W-1041 W-1042 W-1043 W-1044 W-1045 W-1046 W-1047 W-1048 W-1049 W-1050 W-1051 W-1052 W-1053 W-1054 W-1055 W-1056 W-1057 W-1058 W-1059 W-1060 W-1061 W-1062 W-1063 W-1064 W-1065 W-1066 W-1067 W-1068 W-1069 W-1070 W-1071 W-1072 W-1073 W-1074 W-1075 W-1076 W-1077 W-1078 W-1079 W-1080 W-1081 W-1082 W-1083 W-1084 W-1085 W-1086 W-1087 W-1088 W-1089 W-1090 W-10

# MISSOURI Mechanical Integrity Test

Test Date: 7-17-12

Operator: Kansas Resources Exploration & Development LLC

Address: 9393 W 110th St Ste 500

Contact: Oakland Park KS 66210

Phone: 913-679-3253

Lease: Belton Unit

County: Cass

Well No.: K41-59

Permit No.: 037-20950

JUL 23 2012

Mo Oil & Gas Council

## TEST INFORMATION

Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐

Run #1	Run #2	Run #3	Run #4
Start Time: 2:25			
End Time: 3:10			
Length of Test: 45 min			
Initial Pressure (PSI): 300			
Ending Pressure (PSI): 300			
Pressure Change: 0			

Fluid Used For Test (water, nitrogen, CO2, etc.): water

Perforations: N/A

Comments: X 433 =

The bottom of the tested zone is shut in with Rubber Plug at a depth of \_\_\_\_\_ feet. In signing the form below, it is certified that the above indicated well was tested for mechanical integrity on the test date shown above.

Signature

Operator, Contact Person or Approved Agent

Title

Contractor

FOR INTERNAL USE ONLY

Results were: Satisfactory ☒ Not Satisfactory \_\_\_\_\_

Computer Update: ☒

Remarks:

State Agent: Saver

Witnessed: Yes \_\_\_\_\_ No ☒

IF FILE WITH PERMIT !!